

<u>.</u>

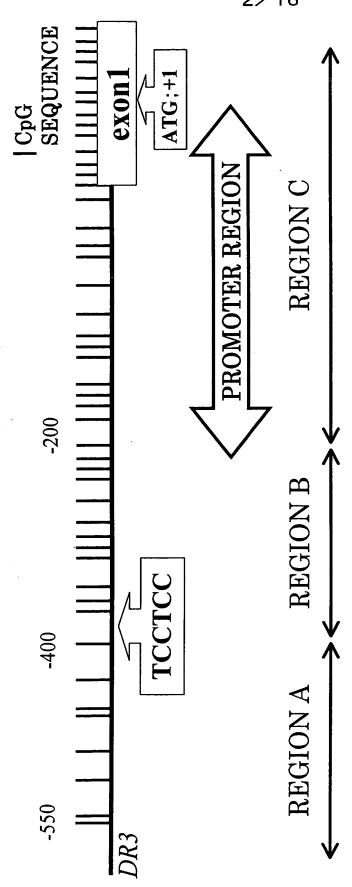


FIG. 2

3/16

UNMETHYLATION AND METHYLATION

UNMETHYLATION AND METHYLATION

METHYLATION

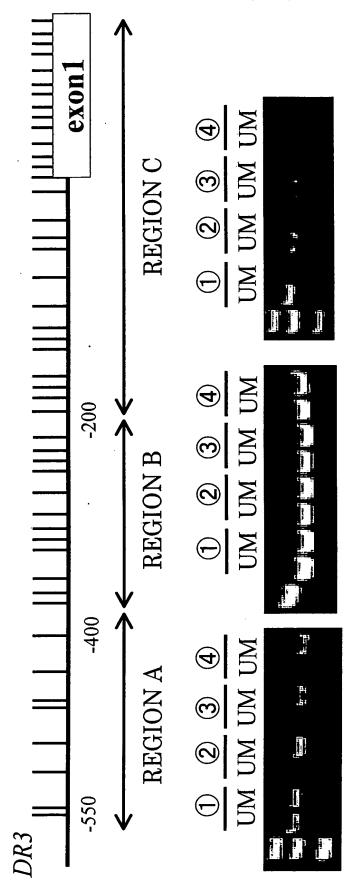
UNMETHYLATION

UNMETHYLATION AND METHYLATION

METHYLATION

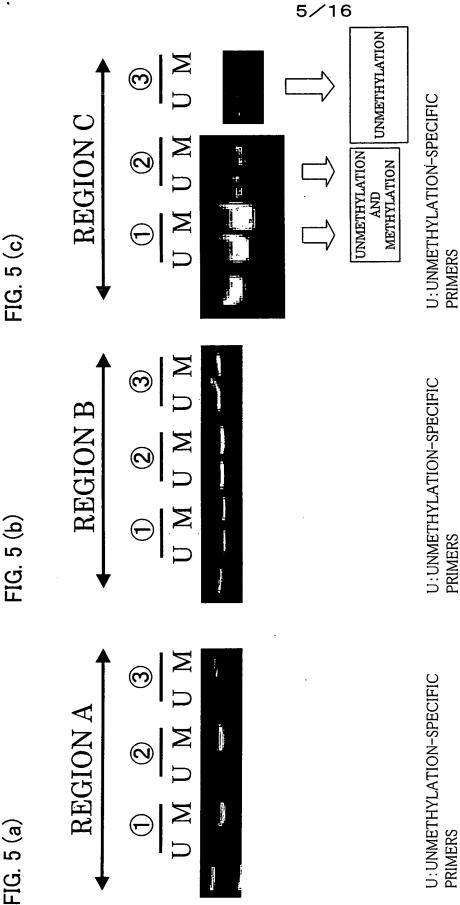
FIG. 3 (b)

FIG. 3 (a)



U:UNMETHYLATION-SPECIFIC PRIMERS

M:METHYLATION-SPECIFIC PRIMERS ①~④:PERIPHERAL BLOOD LYMPHOCYTES FROM HEALTY SUBJECTS



PRIMERS

M:METHYLATION-SPECIFIC **PRIMERS**

M:METHYLATION-SPECIFIC

M:METHYLATION-SPECIFIC

PRIMERS

PRIMERS

(D:SINOVIAL CELL DNA

②:SINOVIAL INFILTRATIVE LYMPHOCYTE DNA **③:JOINT FLUID LYMPHOCYTE**

③:JOINT FLUID LYMPHOCYTE

3:JOINT FLUID LYMPHOCYTE

②:SINOVIAL INFILTRATIVE

LYMPHOCYTE DNA

(D:SINOVIAL CELL DNA

②:SINOVIAL INFILTRATIVE

LYMPHOCYTE DNA

(I): SINOVIAL CELL DNA

7)				·	
NO NO	Σ	0	0	_	6
REGION C	U U/M M	0	0	∞	15
R	n	6	10	9	0
<u>~</u> ∣					
REGION B	U U/M M	0	0	0	2
		6	10	15	22
R	Ω	0	0	0	0
REGION A	U/M M	6	10	11	24
		0	0	4	0
	Ω	0	0	0	0
'	Z	6	10	15	24
		PBMC Healthy	RA	SAC	RA

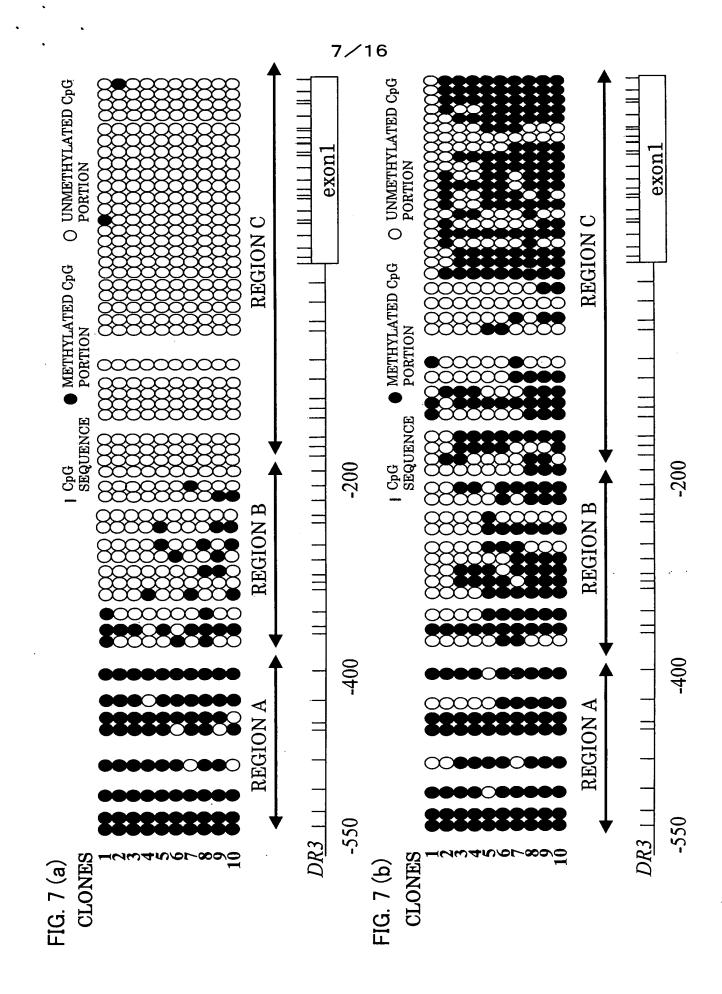
N: THE NUMBER OF SAMPLES PBMC: PERIPHERAL BLOOD LYMPHOCYTES

SAC:SINOVIAL CELLS

U: UNMETHYLATION

U/M: UNMETHYLATION AND METHYLATION

M:METHYLATION



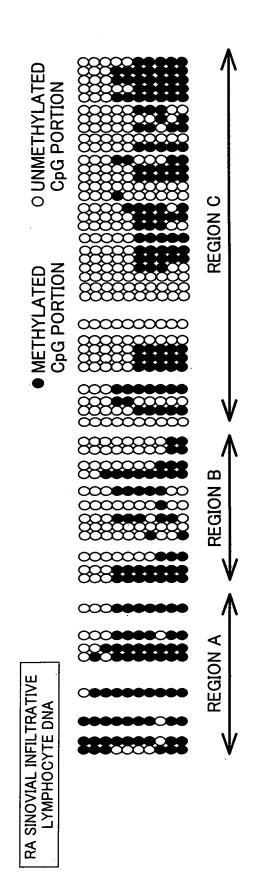


FIG. 8

FIG. 9

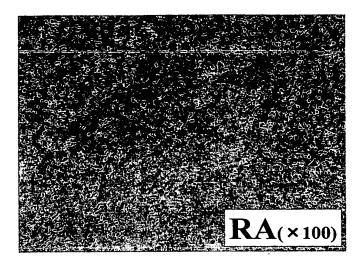


FIG. 10 (a)

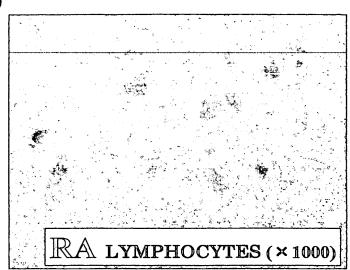


FIG. 10 (b)

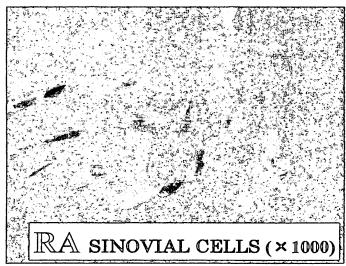
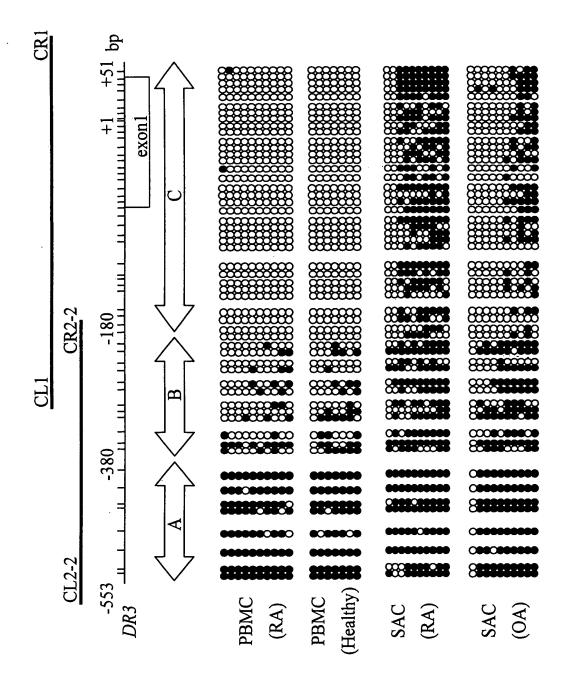


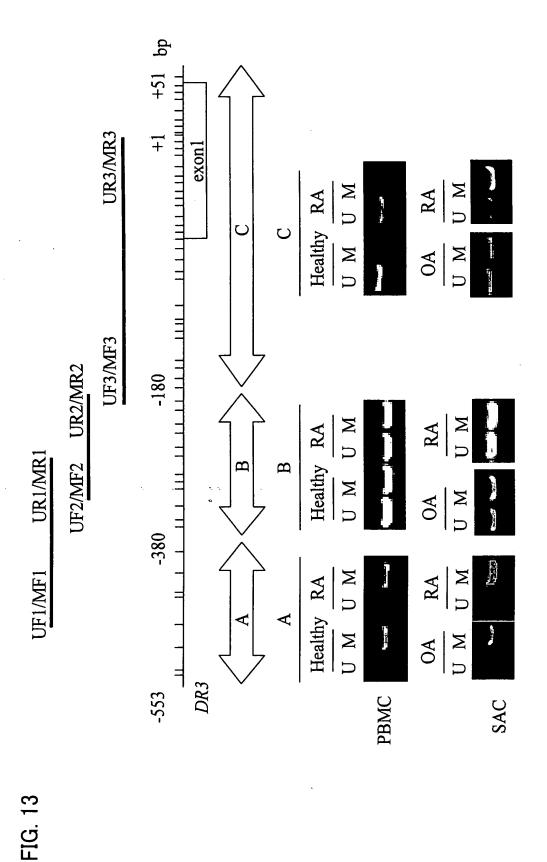
FIG. 11



Sample 1 Sample 2 Sample 3 Jurkat



I: CpG SEQUENCE : METHYLATED CpG PORTION O: UNMETHYLATED CpG PORTION PBMC: PERIPHERAL BLOOD LYMPHOCYTES SAC: SINOVIAL CELLS C: REGION C A: REGION A B: REGION B



M: METHYLATION-SPECIFIC PRIMERS

U: UNMETHYLATION-SPECIFIC PRIMERS

SAC: SINOVIAL CELLS PBMC: PERIPHERAL BLOOD LYMPHOCYTES

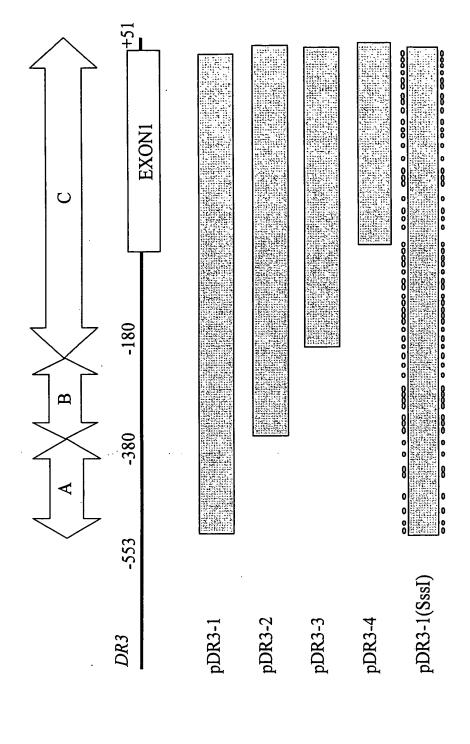


FIG. 1

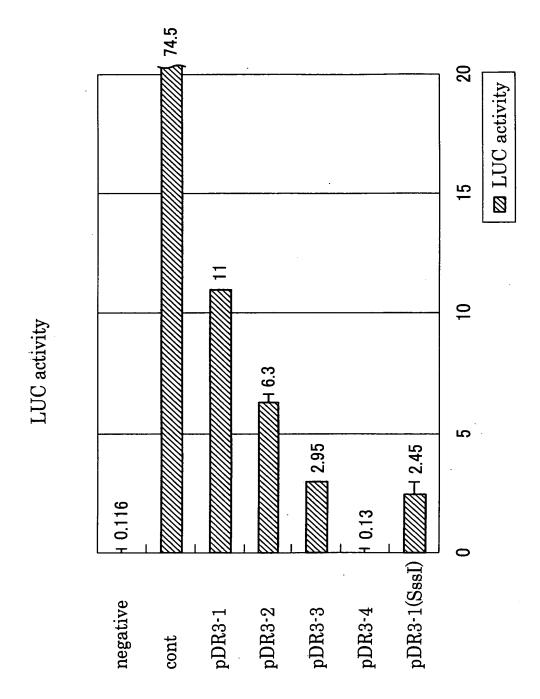
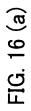


FIG. 15



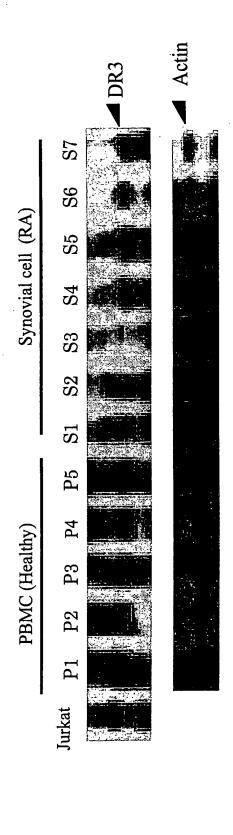


FIG. 16 (b)

Synovial cell (RA)	S1 S2 S3 S4 S5 S6 S7	UMUMUMUMUMUMUMUMUM	
PBMC (Healthy)	P1 P2 P3 P4 P5	UMUMUMUMUMU	